PI 557528 **donor id:** U393. **origin:** United States. **pedigree:** The cb mutation carried by line U393 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **remarks:** Plants homozygous for cb (cotyledonary branching) gene, which is inherited as simple recessive. A single branch develops in axil of each cotyledon, followed by development of branches from higher leaf axils. Seed should be scarified before planting. Annual. Genetic Material. Seed.

PI 557529 **donor id:** U394. **origin:** United States. **pedigree:** The ch4 mutation carried by line U394 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **other id:** Q839. **remarks:** Plants homozygous for ch4 chlorophyll deficiency gene, which is inherited as simple recessive. Leaves have reduced chlorophyll contents and strongly elevated chlorophyll a/b ratios. Work on U394 has been reported in Biochem. Gen. 28:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.

PI 557530 **donor id:** U396. **origin:** United States. **pedigree:** The ch6 mutation carried by line U396 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **other id:** Q844. **remarks:** Plants homozygous for ch6 chlorophyll deficiency gene, which is inherited as simple recessive. Leaves have reduced chlorophyll contents and slightly elevated chlorophyll a/b ratios. Work on U396 has been reported in Biochem. Gen. 28:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.

PI 557531 **donor id:** U397. **origin:** United States. **pedigree:** The ch7 mutation carried by line U397 was isolated following ethyl methanesulfonate treatment of seed of line U389, a small, annual, white-flowered, autogamous strain of sweetclover derived from PI 165554. **other id:** Q856. **remarks:** Plants homozygous for ch7 chlorophyll deficiency gene, which is inherited as simple recessive. Leaves have reduced chlorophyll contents with little or no alteration in the chlorophyll a/b ratio. Work on U397 has been reported in Biochem. Gen. 38:31. 1990. Seed should be scarified before planting. Annual. Genetic Material. Seed.